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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete If Known

Application Number	10/717,677
Filing Date	11/19/2003
First Named Inventor	Sean P. Palecek
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	960296.00101

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/TK/		ALTMAN, G.H., et al., "Cell differentiation by mechanical stress," FASEB Journal 16:270-272 (2001)	
		BIRUKOV, K.G., et al., "Stretch affects phenotype and proliferation of vascular smooth muscle cells," Molecular and Cellular Biochemistry 144:131-139 (1995)	
		CHIEN, S., et al., "Effects of Mechanical Forces on Signal Transduction and Gene Expression in Endothelial Cells," Hypertension 31:162-169 (1997)	
		DI PALMA, F., et al., "Physiological strains induce differentiation in human osteoblasts cultured on orthopaedic biomaterial," Biomaterials 24:3139-3151 (2003)	
		KAWATA, A., et al., "Mechanotransduction in Stretched Osteocytes-Temporal Expression of Immediate ...," Biochem. Biophys. Res. Commun. 246:404-408 (1998)	
		PARK, J.S., et al., "Differential Effects of Equiaxial and Uniaxial Strain on Mesenchymal Stem Cells," Biotechnology and Bioengineering 88:359-368 (2004)	
		SANCHEZ-ESTEBAN, J., et al., "Mechanical stretch promotes alveolar epithelial type II cell differentiation," J. Appl Physiol. 91:589-595 (2001)	
		SEKO, Y., et al., "Pulsatile Stretch Stimulates Vascular Endothelial Growth Factor (VEGF) Secretion ...," Biochem. Biophys. Res. Commun. 254:462-465 (1999)	
		ZOU, Y., et al., "Signal transduction in arteriosclerosis: Mechanical stress-activated MAP kinases in vascular smooth muscle cells (Review)," Int. J. Mol. Med. 1:827-834 (1998)	

Examiner  
Signature

/Taeyoon Kim/

Date  
Considered

09/19/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
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		Altman GH, Horan RL, Martin I, Farhadi J, Stark PR, Volloch V, Richmond JC, Vunjak-Novakovic G, Kaplan DL. 2002. Cell differentiation by Mechanical stress. <i>FASEB Journal</i> 16(2): 270-272.	
		Park JS, Chu JS, Cheng C, Chen F, Chen D, Li S. 2004. Differential effects of equiaxial and uniaxial strain on mesenchymal stem cells. <i>Biotechnology and Bioengineering</i> 88(3): 359-368.	
		Sanchez-Esteban J, Cicchiello LA, Wang Y, Tsai SW, Williams LK, Torday JS, Rubin LP. 2000. Mechanical stretch promotes alveolar epithelial type II cell differentiation. <i>J Appl Physiol</i> 91(2): 589-595.	
		Birukov KG, Shirinsky VP, Stepanova OV, Tkachuk VA, Hahn AW, Resink TJ, Smirnov VN. 1995. Stretch affects phenotype and proliferation of vascular smooth muscle cells. <i>Mol. Cell Biochem.</i> ; 144(2): 131-139.	
		Chien S, Li S, Shyy YJ. 1998. Effects of mechanical forces on signal transduction and gene expression in endothelial cells. <i>Hypertension</i> ; 31(1 Pt 2): 162-169.	
		Kamata A, Mikuni-Takagaki Y. 1998. Mechanotransduction in stretched osteocytes- Temporal expression of immediate early and other genes. <i>Biochem Biophys Res Commun</i> 246 (2): 404-408.	
		Seko Y, Seko Y, Takahashi N, Shibuya M, Yazaki Y. 1999. Pulsatile stretch stimulates vascular endothelial growth factor (VEGF) secretion by cultured rat cardiac myocytes. <i>Biochem Biophys Res Commun</i> 254(2): 462-465.	
		Zou Y, Hu Y, Metzler B, Xu Q. 1998. Signal transduction in arteriosclerosis: mechanical stress-activated MAP kinases in vascular smooth muscle cells. <i>Int J Mol Med</i> 1(5): 827-834.	

Examiner Signature	/Taeyoon Kim/	Date Considered	09/19/2007
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